



LEGEND:

- 7000 PRE-MINE CONTOUR AND ELEVATION, FEET
- RIVER
- POND OR LAKE
- NATURAL DRAINAGE - PERENNIAL
- NATURAL DRAINAGE - INTERMITTENT
- HIGHWAY
- ROAD
- RAILROAD
- P4 PRODUCTION HAUL ROAD (ACTIVE & INACTIVE)
- WASTE ROCK PILE LOCATION
- WASTE ROCK PILE LOCATION OR PIT BACKFILL (APPROXIMATE)
- MINE PIT LOCATION

- WASTE ROCK DUMP SEEP
- WASTE ROCK DUMP SEEP (SAMPLED IN 2008 ONLY)
- SPRING STATION
- SPRING STATION (SAMPLED IN 2008 ONLY)
- STREAM STATION
- STREAM STATION (SAMPLED IN 2008 ONLY)
- GROUNDWATER MONITORING WELL LOCATION
- GROUNDWATER MONITORING WELL LOCATION (SAMPLED IN 2008 ONLY)

- MAW = AGRICULTURAL WELL
- MWD = WASTE ROCK DUMP
- MWP = MINE PIT
- MMW = MONITORING WELL
- MSG = SPRING STATION
- MSP = POND
- MST = STREAM STATION

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DRAWING REFERENCES:
1. P4-MINE TOPOGRAPHY GENERATED FROM:
• USGS DIGITAL ELEVATION MODELS (DEM)-24K
• SURVEY DATA FOR BALLARD MINE PROVIDED BY OLYMPUS AERIAL SURVEYS, INC. DATED: JUNE 2005.
• SURVEY DATA FOR HENRY MINE AREA PROVIDED BY OLYMPUS AERIAL SURVEYS, INC. DATED: NOVEMBER 2008.
• SURVEY DATA FOR ENOCH VALLEY MINE AREA PROVIDED BY P4 PRODUCTION DATED: DECEMBER 2007.

PROJECTION:
STATE PLANE COORDINATE
ZONE:
IDAHO EAST
DATUM:
NAD83
VERTICAL DATUM:
NGVD29
UNITS:
U.S. FEET

DESIGNED BY
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PROJECT MANAGER
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CLIENT APPROVAL
CLIENT REFERENCE NO.

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P4 PRODUCTION
SITE INVESTIGATION

PROJECT LOCATION
BALLARD, HENRY AND ENOCH VALLEY MINES
PROJECT
2007 AND 2008 DATA SUMMARY REPORT
TITLE
SURFACE WATER AND GROUNDWATER
SAMPLING LOCATIONS